

AMENDMENT(S) TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A video viewing system for viewing a desired video comprising:

~~from videos of~~ a first video group having a plurality of first group videos, and
a second video group having a plurality of second group videos produced by ~~use of editing~~
said first group videos of the first video group such that at least one video of the first group
videos is used in the second video group.

wherein [[a]] each video of said first video group is specified, whereby frequency-of-use of
the specified video in said second video group is calculated and displayed.

2. (Currently Amended) A video viewing system for viewing a desired video comprising:

~~from videos of~~ a first video group having a plurality of first group videos: [[,]]
a second video group having a plurality of second group videos produced by ~~use of editing~~
said first group videos of the first video group such that at least one video of the first group
videos is used in the second video group: [[,]] and

a third video group having a plurality of third group videos produced by ~~use of editing~~ said
second group videos of the second video group such that at least one video of the second group
videos is used in the third video group.

wherein [[a]] each video of any one video group of said first video group and second video
group is specified, whereby frequency-of-use of said specified video in said second or third video
group produced by use of the specified video is calculated and displayed.

3. (Currently Amended) A video viewing system for viewing a desired video
from videos of a first video group, a second video group produced by editing ~~use of~~ said first
video group, and a third video group produced by editing ~~use of~~ said second video group, the
video viewing system comprising:

a first storage unit which stores as to enable retrieval of said first video group, said second video group, and said third video group, at least one video of the first video group being edited for use in the second video group and at least one video of the second video group being edited for use in the third video group such that the videos of the first, second and third video groups have a having said series of correlations;

a second storage unit which stores as to enable retrieval of mutual correlations obtained from said series of correlations;

a frequency-of-use generation unit which, upon specification of a video of any one video group of said first video group and second video group, retrieves a correlation with respect to said specified video from said second storage unit to generate frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on the retrieved correlation; and a control unit which displays said frequency-of-use on a display unit.

4. (Original) The video viewing system according to claim 3, wherein said second storage unit stores as to enable retrieval of correlation information showing that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group.

5. (Original) The video viewing system according to claim 4, wherein said frequency-of-use generation unit comprises:

a retrieval unit which, upon specification of a video of any one video group of said first video group and second video group, retrieves correlation information on said specified video from said second storage unit to identify a used video section of said specified video in said second or third video group produced by use of said specified video; and

a frequency-of-use calculation unit which generates the frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on said used video section.

6. (Original) The video viewing system according to claim 4, wherein said control unit graphs and displays the frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on a video section of said specified video.

7. (Original) The video viewing system according to claim 6, wherein said control unit displays a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use, and displays said specified video from a time position indicated by said pointer when said pointer is operated.

8. (Original) The video viewing system according to claim 3, wherein said control unit sorts and displays said frequency-of-use in any one of ascending order and descending order.

9. (Currently Amended) A video viewing method for viewing a desired video from videos of a first video group, a second video group produced by editing use of said first video group, and a third video group produced by editing use of said second video group, the video viewing method comprising steps of:

a) storing as to enable retrieval of said first video group, said second video group, and said third video group, at least one video of the first video group being edited for use in the second video group and at least one video of the second video group being edited for use in the third video group such that the videos of the first, second and third video groups have a having said series of correlations that said second video group is produced from said first video group, and said third video group is produced from said second video group;

b) storing as to enable retrieval of correlation information which is generated from said series of correlations, and shows that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group;

c) identifying, upon specification of a video of any one video group of said first video group and second video group, a used video section of said specified video in said second or third video group produced by use of said specified video based on said retrieved correlation information;

d) generating frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on said used video section; and

e) displaying said frequency-of-use on a display unit.

10. (Currently Amended) The video viewing method according to claim 9, wherein in said step d)[[.]] further comprises generating said frequency-of-use by identifying a used frame number of said specified video from said used video section, and counting said used frame number in all used video sections in said second or third video group produced by use of said specified video.

11. (Currently Amended) The video viewing method according to claim 9, wherein in said step e)[[.]] further comprises graphing and displaying the frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on a video section of said specified video.

12. (Original) The video viewing method according to claim 11, further comprising: f) displaying a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use; and g) displaying said specified video from a time position indicated by said pointer when said pointer is operated.

13. (Currently Amended) A program for making a computer run video viewing processing for viewing a desired video from videos of a first video group, a second video group produced by editing use-of said first video group, and a third video group produced by editing use-of said second video group, the program comprising steps of:

a step to cause storing as to enable retrieval of correlation information which is generated from a said series of correlations showing that at least one video section of the third video group is produced by editing a video section of the second video group and that at least one video section of the second video group is produced by editing a video section of the first video group and shows that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group;

a step to cause retrieving, upon specification of a video of any one video group of said first video group and second video group, correlation information on said specified video, and to identify a used video section of said specified video in said second or third video group produced by use of said specified video based on the retrieved correlation information;

a step to cause generating frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on said used video section; and

a step to cause displaying said frequency-of-use on a display unit.

14. (Currently Amended) A video viewing method for viewing a desired video, the method comprising:

providing from videos of a first video group having a plurality of first group videos:[.]]
and

providing a second video group having a plurality of second group videos produced by use of editing said first group videos of the first video group such that at least one video of the first group videos is used in the second video group, wherein [[a]] each video of said first video group is specified, whereby frequency-of-use of the specified video in said second video group is calculated and displayed.

15. (Original) The video viewing method according to claim 14, wherein the frequency-of-use of said specified video in said second video group is calculated based on a used video section in said second video group of said specified video.

16. (Currently Amended) The video viewing method according to claim 15, wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of said first video group and said second video group having a series of correlations that said second video group is produced by ~~use of~~ editing said first video group.

17. (Original) The video viewing method according to claim 14, wherein the frequency-of-use of said specified video in said second video group is graphed and displayed based on a video section of said specified video.

18. (Original) The video viewing method according to claim 17, wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

19. (Original) The video viewing method according to claim 14, wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.

20. (Currently Amended) A video viewing method for viewing a desired video, the method comprising:
providing from videos of a first video group having a plurality of first group videos:[,]
providing a second video group having a plurality of second group videos produced by ~~use of~~ editing said first group videos of the first video group such that at least one video of the first group videos is used in the second video group:[,] and
providing a third video group having a plurality of third group videos produced by ~~use of~~ editing said second group videos of the second video group such that at least one video of the second group videos is used in the third video group, wherein [[a]] each video of any one video group of said first video group and second video group is specified, whereby frequency-of-use of

said specified video in said second or third video group produced by use of the specified video is calculated and displayed.

21. (Currently Amended) The video viewing method according to claim 20, wherein the frequency-of-use of said specified video in said second or third video group produced by ~~use of~~ editing said specified video is calculated based on a used video section of said specified video in said second or third video group produced by ~~use of~~ editing said specified video.

22. (Currently Amended) The video viewing method according to claim 21, wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group having a series of correlations that said second video group is produced by ~~use of~~ editing said first video group, and said third video group is produced by ~~use of~~ editing said second video group.

23. (Currently Amended) The video viewing method according to claim 20, wherein the frequency-of-use of said specified video in said second or third video group produced by ~~use of~~ editing said specified video is graphed and displayed based on a video section of said specified video.

24. (Original) The video viewing method according to claim 23, wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

25. (Original) The video viewing method according to claim 20, wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.

26. (Currently Amended) A video viewing system for viewing a desired video comprising:

~~from videos of~~ a first video group having a plurality of first group videos: [,] and
a second video group having a plurality of second group videos produced by ~~use of editing~~
said first group videos of the first video group such that at least one video of the first group
videos is used in the second video group, wherein frequency-of-use of said first group videos of
the first video group in said second video group is calculated and displayed.

27. (Currently Amended) A video viewing system for viewing a desired video comprising:

~~from videos of~~ a first video group having a plurality of first group videos: [,] and
a second video group having a plurality of second group videos produced by ~~use of editing~~
said first group videos of the first video group such that at least one video of the first group
videos is used in the second video group, wherein a correlation between said first video group and
said second video group is analyzed from a predetermined video, and frequency-of-use of said
first group videos of the first video group in said second video group is calculated and displayed.

28. (Currently Amended) A video viewing system comprising: [,]
in which a video of any one video group of a first video group having a plurality of first
group videos: [,] and
a second video group having a plurality of second group videos produced by ~~use of editing~~
said first group videos of the first video group such that at least one video of the first group
videos is used in the second video group, wherein at least one video selected from said first group
videos and said second group videos is specified, whereby frequency-of-use of the specified video
in other video groups is calculated and displayed.

29. (Currently Amended) A video viewing system comprising: [,]
in which a video of any one video group of a first video group having a plurality of first
group videos: [,]

a second video group having a plurality of second group videos produced by use of editing said first group videos of the first video group such that at least one video of the first group videos is used in the second video group: [,] and

a third video group having a plurality of third group videos produced by use of editing said second group videos of the second video group such that at least one video of the second group videos is used in the third video group, wherein at least one video selected from said first group videos, said second group videos and said third group of videos is specified, whereby frequency-of-use of said specified video in other video groups having a correlation with the specified video is calculated and displayed.

30. (Currently Amended) A video viewing system for viewing a desired video from a plurality of videos, comprising:

a first storage unit which stores as to enable retrieval of a plurality of video groups having a hierarchy and a series of correlations reflecting that at least one video of one video group is edited used to produce a video of the a next video group in the hierarchy;

a second storage unit which stores as to enable retrieval of mutual correlations obtained from said series of correlations;

a frequency-of-use generation unit which, upon specification of a video of any one video group of said plurality of video groups, retrieves a correlation with respect to said specified video from said second storage unit to generate frequency-of-use of said specified video in other video groups based on the retrieved correlation; and

a control unit which displays said frequency-of-use on a display unit.

31. (Original) The video viewing system according to claim 30, wherein said second storage unit stores as to enable retrieval of correlation information showing that each video section correlates to one video section of other video groups for each of said plurality of video groups.

32. (Original) The video viewing system according to claim 31, wherein said frequency-of-use generation unit comprises:

a retrieval unit which, upon specification of a video of any one video group of said plurality of video groups, retrieves correlation information on said specified video from said second storage section to identify a used video section in other video groups of said specified video; and
a frequency-of-use calculation unit which generates the frequency-of-use of said specified video in said other video groups based on said used video section.

33. (Original) The video viewing system according to claim 31, wherein said control unit graphs and displays the frequency-of-use of said specified video in said other video groups based on a video section of said specified video.

34. (Original) The video viewing system according to claim 33, wherein said control unit displays a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use, and displays said specified video from a time position indicated by said pointer when said pointer is operated.

35. (Original) The video viewing system according to claim 30, wherein said control unit sorts and displays said frequency-of-use in any one of ascending order and descending order.

36. (Currently Amended) A video viewing method for viewing a desired video from a plurality of videos comprising steps of:

a) storing as to enable retrieval of a plurality of video groups having a hierarchy and a series of correlations reflecting that at least one video of one video group is edited used to produce a video of ~~the~~ a next video group in the hierarchy;

b) storing as to enable retrieval of correlation information which is generated from said series of correlations and shows that each video section correlates to one video section of other video groups for each of said plurality of video groups;

c) retrieving, upon specification of a video of any one video group of said plurality of video groups, correlation information on said specified video to identify a used video section in other video groups of said specified video;

d) generating frequency-of-use of said specified video in said other video groups based on said used video section; and

e) displaying said frequency-of-use on a display unit.

37. (Currently Amended) The video viewing method according to claim 36, wherein in said step d)[[.]] further comprises generating said frequency-of-use by identifying a used frame number of said specified video from said used video section, and counting said used frame number in all used video sections in said other video groups.

38. (Currently Amended) The video viewing method according to claim 36, wherein in said step e)[[.]] further comprises graphing and displaying the frequency-of-use of said specified video in said other video groups based on a video section of said specified video.

39. (Original) The video viewing method according to claim 38, further comprising:

f) displaying a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use; and

g) displaying said specified video from a time position indicated by said pointer when said pointer is operated.

40. (Currently Amended) A computer program for making a computer run video viewing processing for viewing a desired video from a plurality of video groups having a hierarchy and a series of correlations reflecting that at least one video of one video group is edited ~~used~~ to produce a video of ~~the~~ a next video group in the hierarchy, the computer program comprising steps of:

a step to cause storing as to enable retrieval of correlation information which is generated from said series of correlations and which shows that each video section of one video group correlates to one video section of other video groups for each of said plurality of video groups;

a step to cause retrieving, upon specification of a video of any one video group of said plurality of video groups, correlation information on said specified video to identify a used video section in other video groups of said specified video;

a step to cause generating frequency-of-use of said specified video in said other video groups based on said used video section; and

a step to cause displaying said frequency-of-use on a display unit.

41. (Currently Amended) A video viewing method for viewing a desired video from a plurality of videos, the method comprising:

providing a hierarchy of video groups, each video group of said hierarchy having a plurality of group videos, group videos of one video group being wherein a video of any one video group of a first video group, and a second video group produced by use of editing videos of previous said first video group in the hierarchy; and

specifying at least one video of one of the video groups such that a is specified, whereby frequency-of-use of the specified video in other video groups is calculated and displayed.

42. (Original) The video viewing method according to claim 41, wherein the frequency-of-use of said specified video in said other video groups is calculated based on a used video section in other video groups of said specified video.

43. (Original) The video viewing method according to claim 42, wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of a plurality of video groups having a series of correlations that at least one video of one video group is used to produce a video of the next video group.

44. (Original) The video viewing method according to claim 41, wherein the frequency-of-use of said specified video in said other video groups is graphed and displayed based on a video section of said specified video.

45. (Original) The video viewing method according to claim 44, wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

46. (Original) The video viewing method according to claim 41, wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.

47. (Currently Amended) A video viewing method for viewing a desired video from a plurality of videos, the method comprising:

wherein a video of any one video group of providing a first video group having a plurality of first group videos:[(.)]

providing a second video group having a plurality of second group videos produced by editing said first group videos use of said first video group:[(.)] and

providing a third video group having a plurality of third group videos produced by editing said second group videos use of said second video group, and

specifying at least one video from said first video group, said second video group and said third video group such that a is specified, whereby frequency-of-use of said specified video in other video groups having a correlation with the specified video is calculated and displayed.

48. (Original) The video viewing method according to claim 47, wherein frequency-of-use of said specified video in said other video groups is calculated based on a used video section in other video groups of said specified video.

49. (Original) The video viewing method according to claim 48, wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of a plurality of video groups having a series of correlations that at least one video of one video group is used to produce a video of the next video group.

50. (Original) The video viewing method according to claim 47, wherein frequency-of-use of said specified video in said other video groups is graphed and displayed based on a video section of said specified video.

51. (Original) The video viewing method according to claim 50, wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

52. (Original) The video viewing method according to claim 47, wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.